

EEEEEEEEEEEEEEEE	RRRRRRRRRRRRR	FFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE	RRRRRRRRRRRRR	FFFFFFFFFFFFFF
EEEEEEEEEEEEEEEE	RRRRRRRRRRRRR	FFFFFFFFFFFFFF
EEE	RRR	FFF
EEEEEEEEEEEEEE	RRRRRRRRRRRRR	FFFFFFFFFFFFFF
EEEEEEEEEEEEEE	RRRRRRRRRRRRR	FFFFFFFFFFFFFF
EEEEEEEEEEEEEE	RRRRRRRRRRRRR	FFFFFFFFFFFFFF
EEE	RRR	FFF
EEEEEEEEEEEEEE	RRR	FFF
EEEEEEEEEEEEEE	RRR	FFF
EEEEEEEEEEEEEE	RRR	FFF

FILEID**INIT_TAPE

G 14

```
0001 Subroutine ERFTAPINI ( Array_addr, Array_size )  
0002  
0003 C  
0004 C Version: 'V04-000'  
0005 C  
0006 C*****  
0007 C*  
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0025 C*  
0026 C*  
0027 C*****  
0028 C  
0029 C  
0030 C  
0031 C AUTHOR: Elliott A. Drayton CREATION DATE: 27-Jan-1983  
0032 C  
0033 C Functional description:  
0034 C  
0035 C This is the initialization module for the loadable image ERFTAPE.EXE.  
0036 C After ERFTAPE has been loaded this routine is called to return  
0037 C the information from its tables. These tables specify which error  
0038 C log packets this loadable image will process. The tables consist of:  
0039 C  
0040 C ENTRY TYPE, DEVICE CLASS, MODULE VERSION, TRANSFER VECTOR OFFSET  
0041 C  
0042 C The ENTRY TYPE value is the packet type identifier for the packets that  
0043 C this loadable image will process.  
0044 C  
0045 C The DEVICE CLASS value specifies the class of the packet that will  
0046 C be processed by this loadable image.  
0047 C  
0048 C The MODULE VERSION is used to determine if the module in this image  
0049 C is the one to use. This is accomplished by the root image comparing  
0050 C this value against the value in the master tables in the root image.  
0051 C  
0052 C The TRANSFER VECTOR OFFSET is the index to the transfer vector to  
0053 C be used for a specific device or entry type. For example, the transfer  
0054 C vectors for the disk image are ordered as:  
0055 C  
0056 C INITDISK 0 ! a routine similar to this one  
0057 C MASSDISK 1 ! a device specific routine
```

I 14
16-Sep-1984 00:04:44
5-Sep-1984 13:58:54

VAX-11 FORTRAN V3.4-56
DISK\$VMSMASTER:[ERF.SRC]INIT_TAPE.FOR;1

Page 2

0058 C RKDISK 2
0059 C RLDISK 3
0060 C ECT.
0061 C
0062 C
0063 C
0064 C** Modified by:

```
0065      Parameter DCS_TAPE = '00000002'X
0066
0067      ! TAPE DEVICES
0068
0069      PARAMETER DTS_TE16 = '00000001'X      ! TE16 MAGTAPE
0070      PARAMETER DTS_TU45 = '00000002'X      ! TU45 MAGTAPE
0071      PARAMETER DTS_TU77 = '00000003'X      ! TU77 MAGTAPE
0072      PARAMETER DTS_TS11 = '00000004'X      ! TS11 MAGTAPE
0073      PARAMETER DTS_TU78 = '00000005'X      ! TU78 MAGTAPE
0074      PARAMETER DTS_TA78 = '00000006'X      ! TA78 MAGTAPE
0075      PARAMETER DTS_TU80 = '00000007'X      ! TU80 MAGTAPE
0076      PARAMETER DTS_TU81 = '00000008'X      ! TU81 MAGTAPE
0077      PARAMETER DTS_TA81 = '00000009'X      ! TA81 MAGTAPE
0078
0079      Parameter V1 = 1                      ! device module version number
0080
0081      Parameter      Maxtypes = 5
0082
0083      Integer*4      Array_addr, Array_size
0084
0085      Integer*2      Tape_codes ( 4 * Maxtypes )
0086
0087      Data           Tape_codes /
0088      1 DTS_TE16, DCS_TAPE, V1, 1,      ! TE16 MAGTAPE
0089      2 DTS_TU45, DCS_TAPE, V1, 1,      ! TU45 MAGTAPE
0090      3 DTS_TU77, DCS_TAPE, V1, 1,      ! TU77 MAGTAPE
0091      4 DTS_TS11, DCS_TAPE, V1, 2,      ! TS11 MAGTAPE
0092      5 DTS_TU78, DCS_TAPE, V1, 3,      ! TU78 MAGTAPE
0093
0094      ! The following devices are handled by ERFPROC1.EXE:
0095      6 DTS_TA78, DCS_TAPE, V1, 0,      ! TA78 MAGTAPE
0096      7 DTS_TU80, DCS_TAPE, V1, 0,      ! TU80 MAGTAPE
0097      8 DTS_TU81, DCS_TAPE, V1, 0,      ! TU81 MAGTAPE
0098      9 DTS_TA81, DCS_TAPE, V1, 0,      ! TA81 MAGTAPE
0099
0100      Array_addr = %LOC (Tape_codes(1))
0101      Array_size = Maxtypes
0102
0103      Return
0104      End
```

ERFTAPINI

K 14
16-Sep-1984 00:04:44
5-Sep-1984 13:58:54

VAX-11 FORTRAN V3.4-56
DISK\$VMSMASTER:[ERF.SRC]INIT_TAPE.FOR;1

Page 4

PROGRAM SECTIONS

Name	Bytes	Attributes
0 \$CODE	19	PIC CON REL LCL SHR EXE RD NOWRT LONG
2 \$LOCAL	40	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
Total Space Allocated	59	

ENTRY POINTS

Address	Type	Name
0-00000000		ERFTAPINI

VARIABLES

Address	Type	Name	Address	Type	Name
AP-00000004@	I*4	ARRAY_ADDR	AP-00000008@	I*4	ARRAY_SIZE

ARRAYS

Address	Type	Name	Bytes	Dimensions
2-00000000	I*2	TAPE_CODES	40	(20)

COMMAND QUALIFIERS

```
FORTRAN /LIS=LISS:INIT_TAPE/OBJ=OBJ$:INIT_TAPE MSRC$:INIT_TAPE
/CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)
/DEBUG=(NOSYMBOLS,TRACEBACK)
/STANDARD=(NOSYNTAX,NOSOURCE_FORM)
/SHOW=(NOREPROCESSOR,NOINCLUDE,MAP)
/F77 /NOG_FLOATING /I4 /OPTIMIZE /WARNINGS /NOD_LINES /NOCROSS_REFERENCE /NOMACHINE_CODE /CONTINUATIONS=19
```

COMPILATION STATISTICS

Run Time:	0.79 seconds
Elapsed Time:	3.20 seconds
Page Faults:	85
Dynamic Memory:	155 pages

0149 AH-BT13A-SE
VAX/VMS V4.0

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